

MAZMID B 150 RM 20

Polyamide 6

Mazzaferro Indústria e Comércio de Polímeros e Fibras Ltda.

Message:

MAZMID B 150 RM 20 is a Polyamide 6 (Nylon 6) product. It can be processed by injection molding and is available in Latin America. Typical application: Engineering/Industrial Parts.
Characteristics include:
Flame Rated
Good Aesthetics
Lubricated

General Information			
Additive	Molybdenum Disulfide Lubricant		
Features	Good Surface Finish		
	Low Friction		
	Lubricated		
Uses	Bearings		
	Bushings		
	Pulleys		
	Rollers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13 to 1.15	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 to 1.3	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.70 to 1.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ASTM D638
Tensile Strength	75.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	180	°C	
1.8 MPa, Unannealed	80.0	°C	
Continuous Use Temperature	80.0	°C	

Melting Temperature	214 to 220	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength	18	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

